

Converting Colors

YUV(95.8990, -10.3032, -8.6814)

Have a look what the booklet for
YUV(95.8990, -10.3032, -8.6814)
contains.

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Color

**YUV(95.8990, -10.3032,
-8.6814)**

Conversions

Conversions Part 1

Format	Color
Hex	56694B
RGB	86, 105, 75
RGB Percent	34%, 41%, 29%
CMY	0.6627, 0.5882, 0.7059
CMYK	0.18, 0.00, 0.29, 0.59
HSL	98°, 17%, 35%
HSV	98°, 29%, 41%
XYZ	10.1593, 12.5896, 8.5512
YIQ	95.8990, -1.6940, -13.3580

Conversions

Conversions Part 2

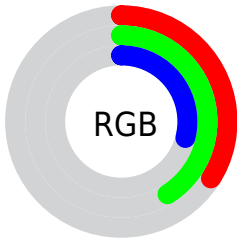
Format	Color
RYB	75, 105, 94
Decimal	5663051
CIELab	42.14, -13.31, 14.59
CIElCh	42, 19.746, 132.365
Yxy	12.5896, 0.3246, 0.4022
Android (android.graphics.Color)	4283853131 (0xFF56694B)
YUV	95.8990, -10.3032, -8.6814
Hunter-Lab	35.4818, -10.9841, 10.5482

Details

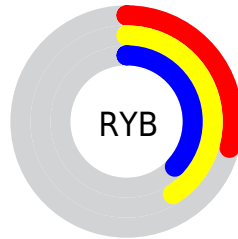
The YUV color $95.8990, -10.3032, -8.6814$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $84.1010, 10.3032, 8.6814$, and the grayscale version is $96.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $146.3720, -11.0294, -9.0962$, and $49.5400, -9.1402, -8.3666$ is the 20% darker color. If you saturate the color by 10%, you get $92.6660, -13.6393, -11.9851$, and if you desaturate by 10%, it is $99.2460, -6.5303, -5.4777$.

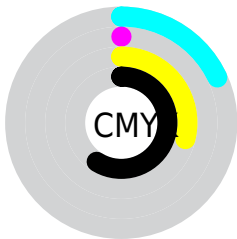
Distribution



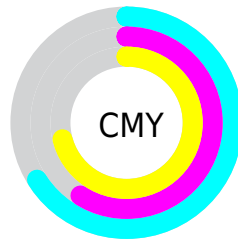
- Red (34%)
- Green (41%)
- Blue (29%)



- Red (29%)
- Yellow (41%)
- Blue (37%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (59%)



- Cyan (66%)
- Magenta (59%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 95.8990, -10.3032, -8.6814 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 95.8990, -10.3032, -8.6814 by changing the saturation by 10% instead.

■ 95.8990, -10.3032,
-8.6814

■ 95.8990, -10.3032,
-8.6814

■ 255.0000, 0.0000,
0.0000

■ 72.0130, -9.8664,
-8.7814

■ 146.3720,
-11.0294, -9.0962

■ 49.5400, -9.1402,
-8.3666

■ 173.2580,
-11.4662, -8.9963

■ 28.0240, -9.8718,
-7.0370

■ 200.8450,
-11.7556, -9.5111

■ 8.2180, -4.0515,
-7.2072

■ 228.7310,
-12.1924, -9.4111

■ 0.0000, 0.0000,
0.0000

■ 249.6870, -8.7197,
-3.2335

■ 95.8990, -10.3032,
-8.6814

■ 95.8990, -10.3032,
-8.6814

■ 92.6660, -13.6393,
-11.9851

■ 99.2460, -6.5303,
-5.4777

■ 89.6180, -17.5597,
-14.5740

■ 102.1800, -3.0467,
-2.7889

■ 86.2710, -21.3326,
-17.7777

■ 105.4130, 0.2894,
0.5148

■ 83.0380, -24.6687,
-21.0813

■ 108.7600, 4.0623,
3.7185

■ 80.1040, -28.1523,
-23.7702

■ 111.8080, 7.9827,
6.3074

■ 76.7570, -31.9252,
-26.9739

■ 115.0410, 11.3188,
9.6110

■ 73.5240, -35.2613,
-30.2775

■ 118.3880, 15.0917,
12.8147

■ 73.2960, -36.1349,

■ 121.3220, 18.5753,

-30.0776

15.5036

■ 124.6690, 22.3482,
18.7073

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



98.0210, -15.2934, 5.2436



95.8990, -10.3032, -8.6814



93.5750, -2.2555, -23.3063

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.8990, -10.3032, -8.6814



95.3030, 17.1056, -26.5757



101.1390, -4.0125, 27.0651

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



95.8990, -10.3032, -8.6814



84.1010, 10.3032, 8.6814

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



102.4570, 3.7187, 20.6472



95.8990, -10.3032, -8.6814



99.3590, 15.5990, -9.9618

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.8990, -10.3032, -8.6814



91.2540, 14.6648, -37.0568



101.6170, 11.0348, 7.3519



100.5920, -11.1379, 25.7908

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8990, -10.3032, -8.6814



91.5400, 4.1708, -31.1686



101.6170, 11.0348, 7.3519



101.5240, -1.2443, 25.8505

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



95.8990, -10.3032, -8.6814



134.1260, -4.4991, -3.6185



95.1230, -9.9206, 8.6621



66.5930, -2.7573, -2.2741



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8990, -10.3032, -8.6814



123.6720, -16.1073, -13.7443



93.0660, -6.9345, -15.8439



52.1200, -2.0312, -1.8592



81.5360, -40.1972, -33.7961



170.7250, -84.1674, -70.7958

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



84.1010, 10.3032, 8.6814



105.3280, 16.1073, 13.7443



86.9340, 6.9345, 15.8439



49.8800, 2.0312, 1.8592



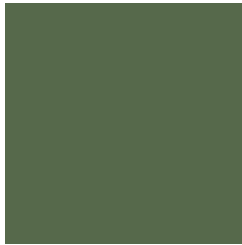
35.4640, 40.1972, 33.7961



74.2750, 84.1674, 70.7958

Previews

White Background



This preview shows how the YUV color 95.8990, -10.3032, -8.6814 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 95.8990, -10.3032, -8.6814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

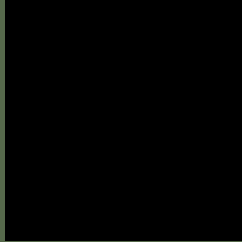
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 95.8990, -10.3032, -8.6814

Background



This preview shows how black text looks on a background with the YUV color 95.8990, -10.3032, -8.6814.



This preview shows how white text looks on a background with the YUV color 95.8990, -10.3032, -8.6814.

-8.6814.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8990, -10.3032, -8.6814

Protanopia

98.3140, -12.9728, 7.6176

Deuteranopia

99.2270, -10.9579, 14.7099



Tritanopia

98.9220, 4.9685, -6.9476

Trichromacy



Original Color

95.8990, -10.3032, -8.6814

Protanomaly

97.2100, -11.9355, 1.5698

Deuteranomaly

98.1720, -10.9308, 5.9882

Tritanomaly

97.5430, -0.2677, -7.4922

Monochromacy



Original Color

95.8990, -10.3032, -8.6814

Achromatopsia

96.0000, 0.0000, 0.0000

Achromatomaly

95.6530, -3.7729, -3.2037

CSS Examples

Text

The CSS property to change the color of the text to YUV 95.8990, -10.3032, -8.6814 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(86, 105, 75)` looks like.

```
.text, #text, p{  
    color:rgb(86, 105, 75)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(86, 105, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 105, 75) }
```

Border

The CSS property to change the border of an element to YUV 95.8990, -10.3032, -8.6814 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 105, 75) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(86, 105, 75) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(86, 105, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 105, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 105, 75);  
box-shadow:4px 4px 4px 4px rgb(86, 105,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 95.8990, -10.3032, -8.6814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 105, 75) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(86, 105,  
75) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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